

DECLARATION

SITE NAME AND LOCATION

Navy Installation Restoration Program (IRP) Operable Unit (OU)-4A:

- IRP-5N (Drainage Area No. 1 – Ditch 5 North)
- IRP-5S(b) (Drainage Area No. 1 – Ditch 5 South b)
- IRP-8 (Drainage Area No. 2)
- IRP-11 (Drum Storage Area No. 1) Area A
- IRP-16 (Volatile Organic Compound [VOC] Solvent Contamination Area)
- MMS-04 (Auto Hobby Shop) Area A
- MMS-04 (Auto Hobby Shop) Area C

Former Marine Corps Air Station (MCAS) Tustin, California

National Superfund Database Identification Number: CA9170090022

STATEMENT OF BASIS AND PURPOSE

This Record of Decision (ROD)/Remedial Action Plan (RAP) presents the selected remedy, no action, for OU-4A at Former MCAS Tustin, California.

This document was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986 (Title 42 *United States Code* Section [§] 9602 *et seq.*) and in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (Title 40 *Code of Federal Regulations* § 300 *et seq.*).

The decision for OU-4A is based on information contained in the administrative record and results of public meetings. A site-specific administrative record index for this OU and associated sites is included as Attachment A. A transcript of the public meeting held for the Proposed Plan/draft ROD/RAP is included as Attachment B.

The state of California, Department of Toxic Substances Control (DTSC) as the lead state agency and the California Regional Water Quality Control Board Santa Ana Region, and the United States Environmental Protection Agency (U.S. EPA) concur on the selected remedy for these sites. An agreement letter from U.S. EPA is provided as Attachment C.

REMEDIAL ACTION PLAN

This ROD/RAP satisfies DTSC requirements for a RAP for hazardous substance release sites pursuant to *California Health and Safety Code* § 25356.1. The RAP requirements are summarized in Attachment D.

ASSESSMENT OF THE SITE

The Department of the Navy (DON) and DTSC have determined that remedial action is not required to protect public health or welfare or the environment at OU-4A sites on the basis of the following:

- site histories
- visual inspections
- field investigations
- laboratory analytical results
- evaluation of potential ecological and human-health risks
- removal actions and verification sampling

Results of investigations at OU-4A sites have verified that chemicals of potential concern (COPCs) are not present in soil and/or groundwater at concentrations exceeding regulatory thresholds.

Human-health risk assessments for OU-4A sites indicate that risks to human health from COPCs are below or within the NCP's generally acceptable risk-management range (except IRP-16). For IRP-16, the noncancer hazard index exceeded the threshold value of 1; however, this exceedance was the result of metals (i.e., selenium and manganese) in groundwater that were demonstrated to be naturally occurring and not resulting from site activities. No human-health risk assessments were performed for IRP-11 (Area A) because no COPCs were identified in soil or groundwater at this site.

Ecological risk evaluation for IRP-5N and IRP-5S(b) indicated that hazard quotients exceeded 1 for the mallard duck and least sandpiper. However, because of the limited areal extent of these ditches and the low potential exposure to avian receptors, these sites do not pose significant ecological risk to wildlife.

STATUTORY DETERMINATIONS

The DON has determined that no remedial action is necessary at OU-4A sites because the existing condition of the sites is protective of human health and the environment and complies with federal and state requirements. Section 121(d) of CERCLA states that remedial actions at CERCLA sites must, upon completion, meet any federal (or state, if more stringent) environmental standards, requirements, criteria, or limitations that are determined to be applicable or relevant and appropriate requirements (ARARs). ARARs do not apply unless remedial action is being taken at a site and are, therefore, not applicable to the OU-4A sites addressed in this ROD/RAP. Because no hazardous substances, pollutants, or contaminants remain on-site above levels that would prohibit unrestricted use and a remedial action was, therefore, not necessary or selected in this ROD/RAP, a 5-year review will not be required.

Declaration

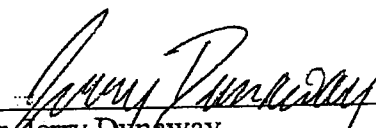
ROD DATA CERTIFICATION CHECKLIST

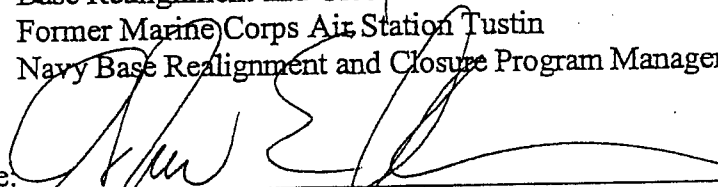
The following information is included in the Decision Summary:

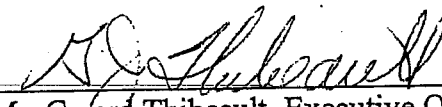
- COPCs and their respective concentrations (Section 5)
- human-health and ecological risks represented by the COPCs (Section 7)
- other evaluation criteria established for COPCs and the basis for these levels (Section 5)
- assumptions in the human-health risk assessment and this ROD/RAP for current and reasonably anticipated future land use and for current and potential future beneficial groundwater use (Sections 6 and 7)
- key factors that led to selecting the remedy (Sections 5, 7, and 8)

Additional information can be found in the administrative record files for these sites.

AUTHORIZING SIGNATURES

Signature:  Date: 1/3/05
Mr. Jerry Dunaway
Base Realignment and Closure Environmental Coordinator
Former Marine Corps Air Station Tustin
Navy Base Realignment and Closure Program Management Office

Signature:  Date: 12/23/04
Mr. John E. Scandura, Chief
Southern California Operations, Office of Military Facilities
California Environmental Protection Agency
Department of Toxic Substances Control

Signature:  Date: 12-16-04
Mr. Gerard Thibeault, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region

LRAC OFFICE

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